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PATENT  
674523-2005.2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Kingsman, et al.  
Serial No. : 10/661,761  
For : RETROVIRAL VECTORS  
Filed : September 11, 2003  
Examiner : TBA  
Art Unit : 1632

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully direct the Examiner's attention to the documents listed on the accompanying PTO-1449 form, and which are enclosed herewith.

The Information Disclosure Statement submitted herewith is being filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fee is required. However, the Commissioner is authorized to charge any additional fee, or to credit any overpayment in fees, to Deposit Account No. 50-0320.

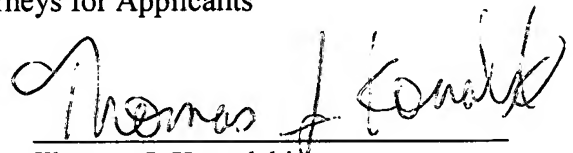
The filing of this Information Disclosure Statement is not an admission that the documents identified herein constitute prior art to the present application.

Consideration of this Information Disclosure Statement is respectfully requested. Applicants respectfully request that a copy of Form PTO-1449 be initialed by the Examiner and returned to the undersigned.

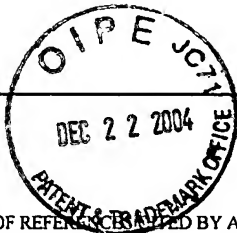
Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP  
Attorneys for Applicants

By:

A handwritten signature in black ink, appearing to read "Thomas J. Kowalski", written over a horizontal line.

Thomas J. Kowalski  
Reg. No. 32,147  
Tel. No. (212) 588-0800

Based on Form PTO-1449  
(3/90)

 LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)
ATTY. DOCKET NO.  
674523-2005.2SERIAL NO.  
10/661,761

APPLICANT

Kingsman ET AL.

FILING DATE  
September 11, 2003GROUP  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,554,524	09-1996	Temin, et al.			
	AB	6,013,516	01-2000	Verma, et al			
	AC	6,326,007	12-2001	Yilma, et al..			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	AD	WO 91/19798	12-1991	WIPO			YES	NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AE		Bray et al. A small element from the Mason-Pfizer monkey virus genome makes human-immunodeficiency virus type 1 expression and replication Rev-independent (1994) Proc. Natl. Acad. Sci. 91: 1256-1260					
	AF		Harmache, et al. The Caprine Arthritis Encephalitis Virus tat Gene is Dispensable for Efficient Viral Replication in Vitro and in Vivo (1995) Journal of Virology, Sept. 1995, p.5445-5454					
	AG		Phillips, et al. Identification of the Rev Transactivation and Rev-Responsive Elements of Feline Immunodeficiency Virus (1992) Journal of Virology, Sept. 1992, p. 5464-5471					
	AH		Shibata, et al. Construction and Characterization of an Infectious DNA Clone and of Mutants of Simian Immunodeficiency Virus Isolated from the African Green Monkey (1990) Journal of Virology, Jan. 1990, p. 307-312					
	AI		Sakai, H. et al. Compatibility of rev Gene Activity in the Four Groups of Primate Lentiviruses, (1990) Journal of Virology, 184: 513-520					
	AJ		Sakai, H. et al. Archives of Virology, Compatibility of Tat and Rev Transactivators Groups of Primate Lentiviruses, (1993) Archives of Virology 129: 1-10					
	AK		Shibata, R. et al. Archives of Virology, Comparative Studies on tat Mutants of Three Primate Lentiviruses, (1990) 114: 243-250					
	AL		Shibata, R. et al. Journal of Medical Primatology, Mutational Analysis of Simian Immunodeficiency Virus From African Green Monkeys and Human Immuno-deficiency Virus Type 2 (1990), 19: 217-225					
	AM		Adachi A. et al. Archives of Virology, Generation and characterization of the human immunodeficiency virus type 1 mutants, (1991) 117: 45-48					
	AN		Gibbs, J.S., et al. Construction and In Vitro Properties of HIV-1 Mutants with Deletions in "Nonessential" Genes, (1994) 10(4): 343-350.					
	AO		Gibbs, J.S., et al. AIDS Research and Human Retroviruses, Construction and In Vitro Properties of SIV mac Mutants with Deletions in "Nonessential" Genes, (1994) 10(5): 607-616.					
	AP		Nishino, Y. et al. Archives of Virology, Human Immunodeficiency Virus Type 1vif, vpr, and vpu Mutants Can Produce Persistently Infected Cells, (1991) 120: 181-192					
	AQ		Cho, S. et al. (1995) AIDS Research and Human Retroviruses, Replication of HIV Type 1 in Rabbit Cell Lines is Not Limited by Deficiencies in tat, rev, or Long Terminal Repeat Function, (1995) 11(12): 1487-1493					

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.